



NITFS Compliance Registration



Product: Special Operations Reconnaissance Software Enhanced Relay (SORSER)

Date: 08 March 2007

Version: 1.02, Build 4.18

Expiration: 07 March 2009

Sponsor: Joint Forces Command

Registration #: 1024

Developer: NAWCWD, China Lake

☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☒ **System**
N-0105/98, §4.1.1

NITFS Features Implemented:

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Format

- ☒ NITF
- ☒ V2.1
- ☒ V2.0
- ☐ V1.1
- ☐ NSIF
- ☐ V1.0

Image Segment Types

- ☐ MONO
- ☐ RGB
- ☐ RGB/LUT
- ☒ YCbCr
- ☐ MULTI
- ☐ NODISPLAY
- ☐ POLAR

Data Extension Segments

- ☐ TRE_OVERFLOW
- ☐ STREAMING_FILE_HEADER
- ☐ Controlled Extensions **
- ☐ Registered Extensions **

Tagged Record Extensions

- None implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Pixel Value Types

- ☐ Boolean
- ☒ Integer
- ☐ Signed Integer *
- ☐ IEEE Real *
- ☐ IEEE Complex *

Image Compression

- ☐ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☐ JPEG Lossy, 12-bit
- ☐ JPEG Downsampling
- ☐ JPEG Lossless
- ☐ JPEG 2000
- ☐ Bi-Level
- ☐ Vector Quantization

Annotation Segment Types

- ☐ Bit Mapped **
- ☐ CCM, 2301
- ☒ CCM, 2301A
- ☐ Labels **

Text Segments

- ☒ STA
- ☐ TT1
- ☐ U8S
- ☐ MTF

** NITF 2.0 feature
* NITF 2.1 feature

Configurations Tested:

- Intel Pentium (MS Windows XP Professional)

Legend
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of product for the intended use. Optional NITFS features may not be implemented.